

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028152.D
 Acq On : 28 Sep 2022 12:25
 Operator : SY/MD
 Sample : N4856-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33DL

Quant Time: Sep 29 01:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84917	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56139	3.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.561	69	54761	3.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.101	63	76119	2.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.892	46	170546	56.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	4.342	84	127651	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.027	65	62722	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.043	84	229047	3.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.063	67	75560	4.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.313	98	176786	3.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.622	79	25130	3.871	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.085	63	135547	50.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59734	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	76248	4.578	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%

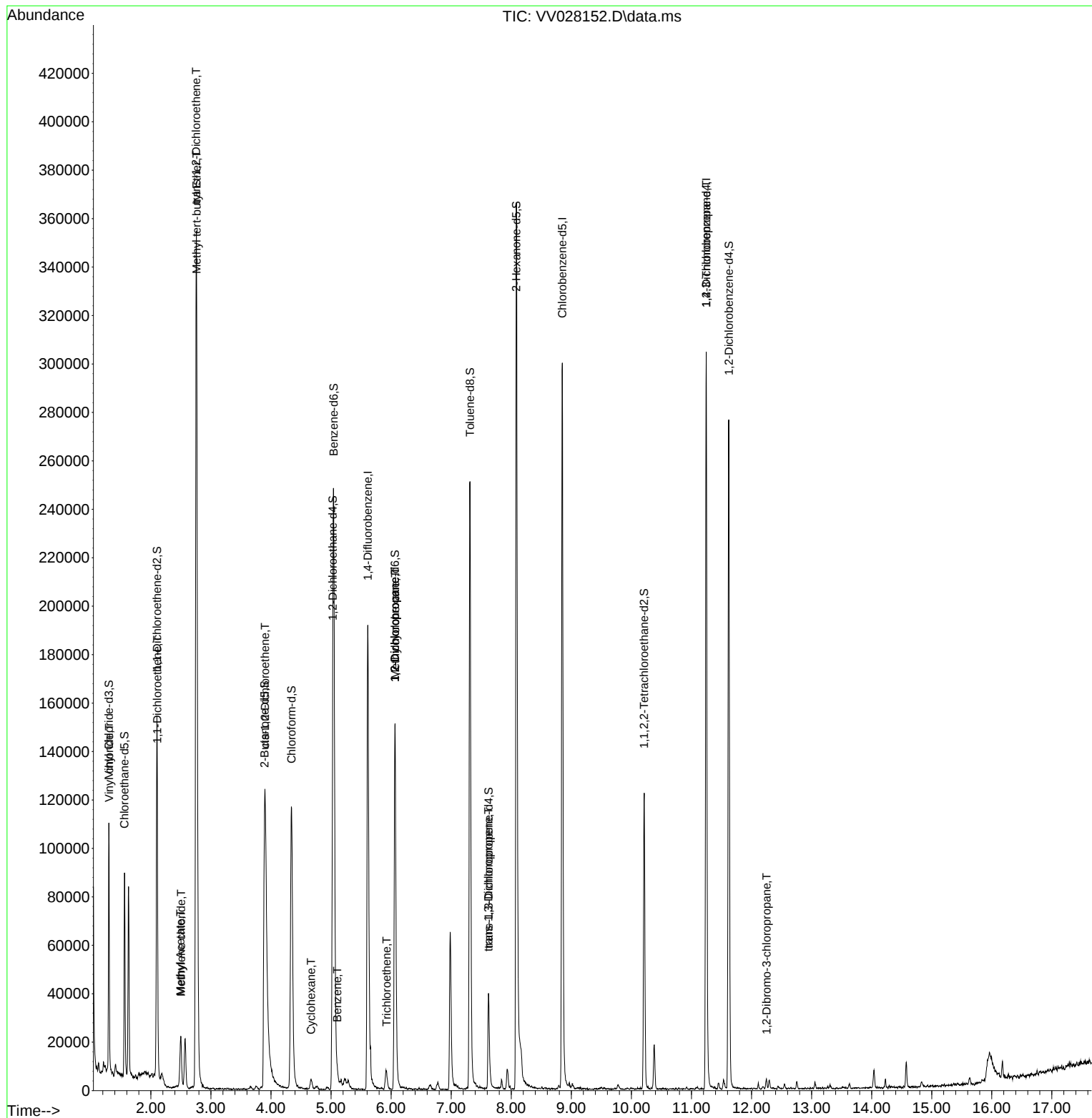
Target Compounds				Qvalue		
5) Vinyl chloride	1.304	62	1121	0.084	ug/L #	3
12) 1,1-Dichloroethene	2.108	96	1625	0.136	ug/L #	1
15) Methyl Acetate	2.494	43	5343	1.180	ug/L #	55
16) Methylene chloride	2.503	84	5999	0.449	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	176199	6.849	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	84680	8.089	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	23468	1.708	ug/L	97
30) Cyclohexane	4.667	56	1805	0.116	ug/L #	27
33) Benzene	5.104	78	4527	0.093	ug/L	100
34) Trichloroethene	5.924	95	2520	0.207	ug/L	87
35) Methylcyclohexane	6.066	83	18892	1.134	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8151	0.596	ug/L #	87
44) trans-1,3-Dichloropropene	7.619	75	1315	0.090	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	8719	1.224	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.249	75	202	0.129	ug/L #	1

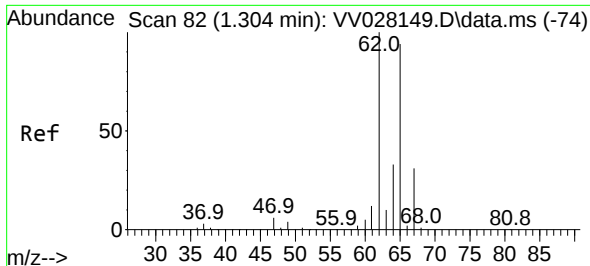
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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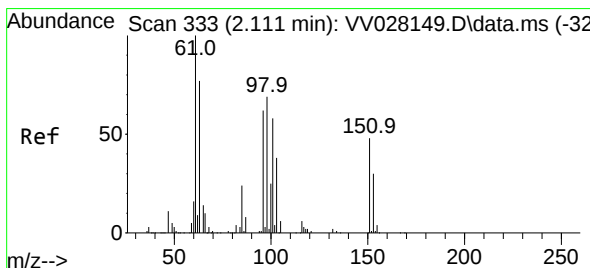
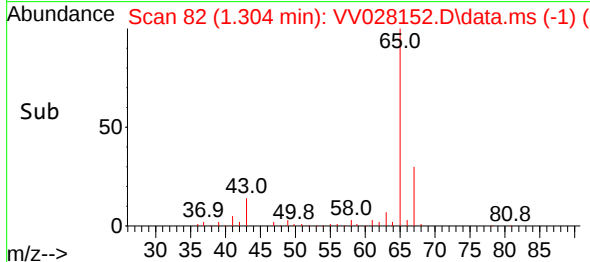
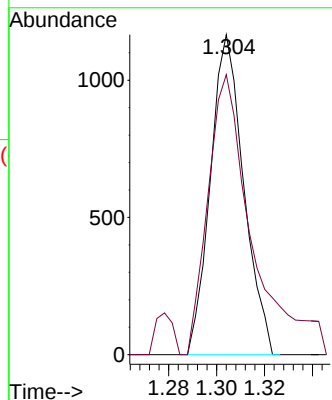
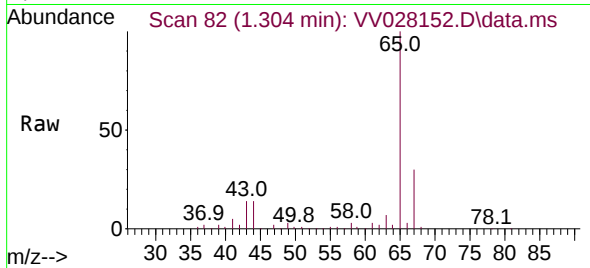




#5
 Vinyl chloride
 Concen: 0.084 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

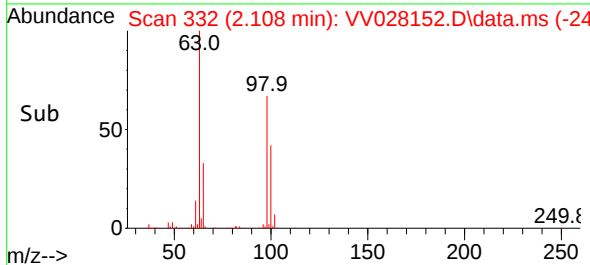
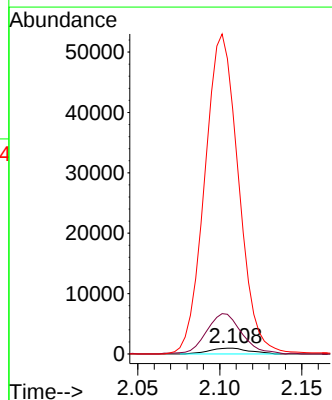
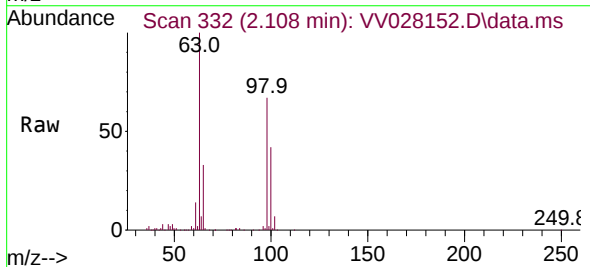
Instrument :
 MSVOA_V
 ClientSampleId :
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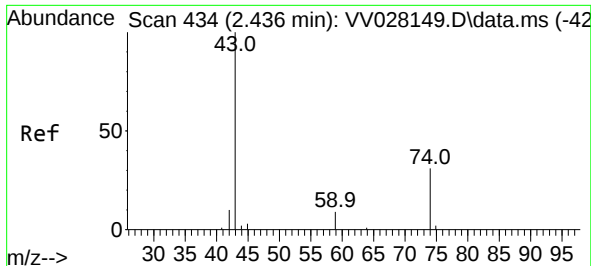
Tgt Ion: 62 Resp: 1121
 Ion Ratio Lower Upper
 62 100
 64 87.5 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 0.136 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

Tgt Ion: 96 Resp: 1625
 Ion Ratio Lower Upper
 96 100
 61 583.4 128.3 238.3#
 63 4191.7 112.7 209.3#

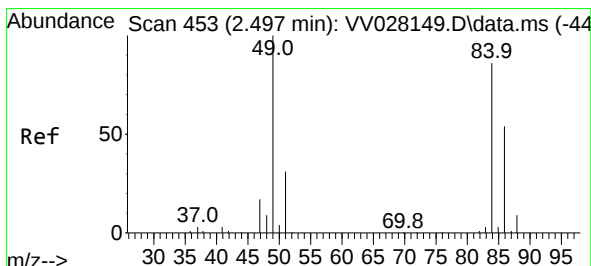
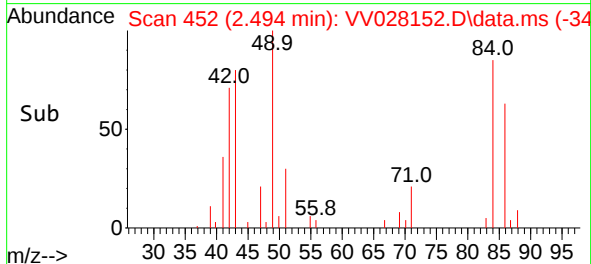
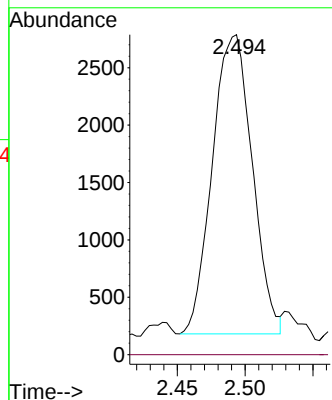
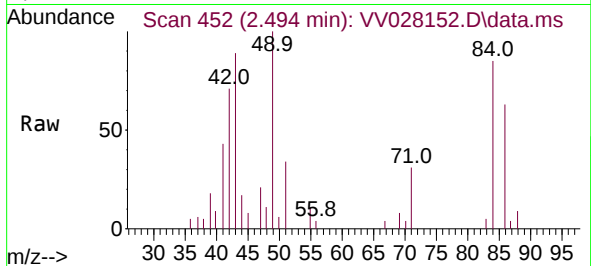




#15
Methyl Acetate
Concen: 1.180 ug/L
RT: 2.494 min Scan# 41
Delta R.T. 0.058 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

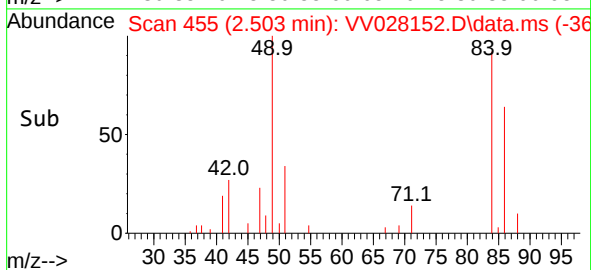
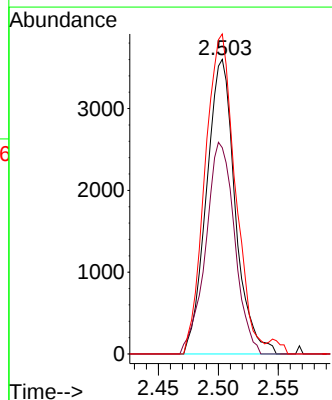
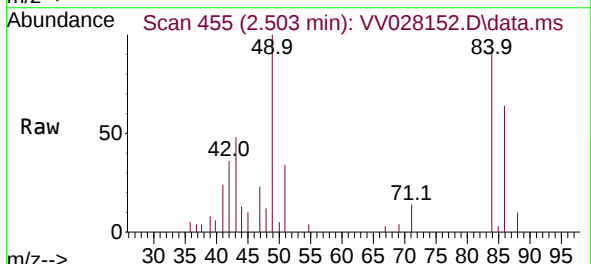
Instrument :
MSVOA_V
ClientSampleId :
F5H33DL

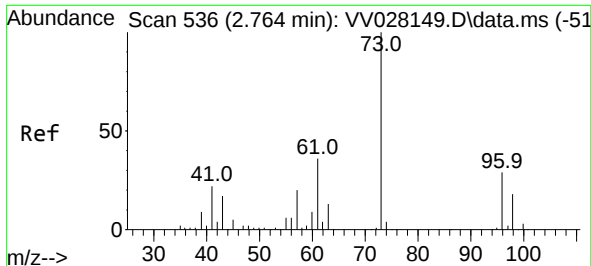
Tgt Ion: 43 Resp: 5343
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.449 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.006 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 84 Resp: 5999
Ion Ratio Lower Upper
84 100
86 70.0 46.8 86.8
49 108.6 87.5 162.5

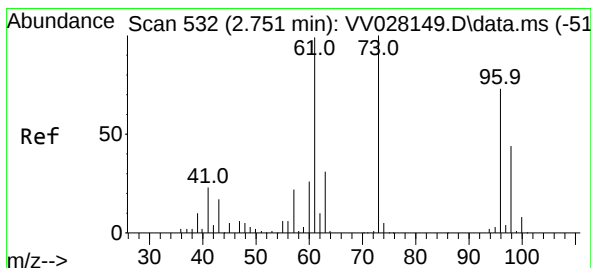
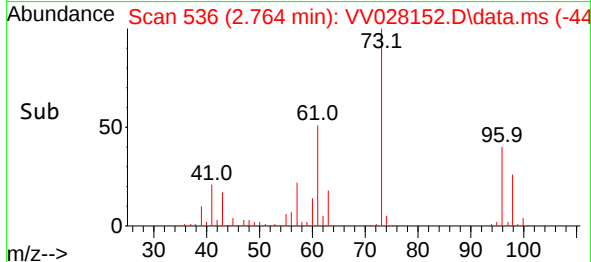
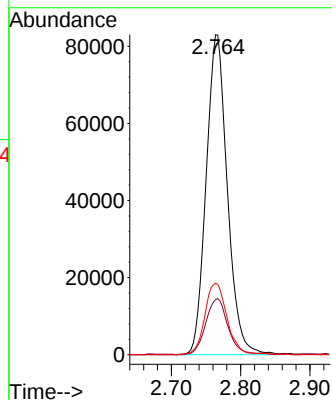
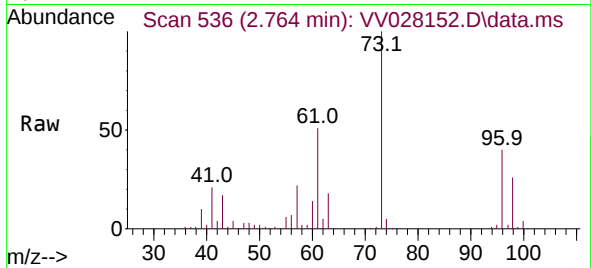




#17
Methyl tert-butyl Ether
Concen: 6.849 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

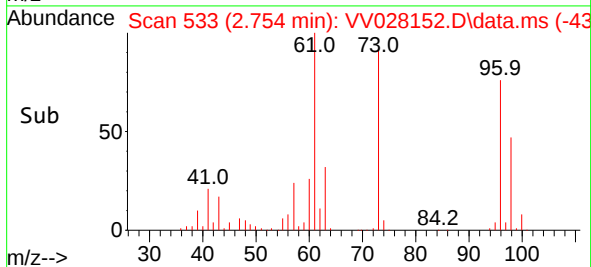
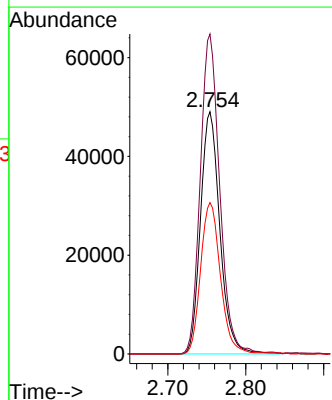
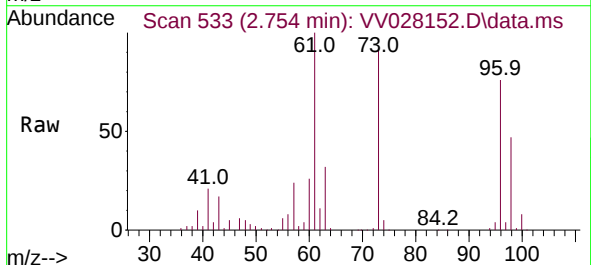
Instrument :
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ClientSampleId :
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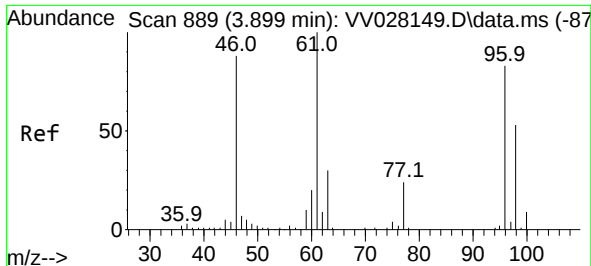
Tgt Ion: 73 Resp: 176199
Ion Ratio Lower Upper
73 100
43 18.3 15.7 23.5
57 23.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 8.089 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 96 Resp: 84680
Ion Ratio Lower Upper
96 100
61 132.1 96.2 178.6
98 62.5 45.7 84.9

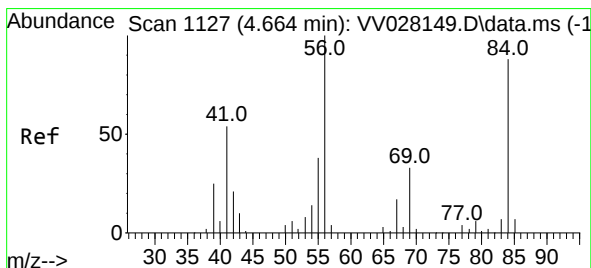
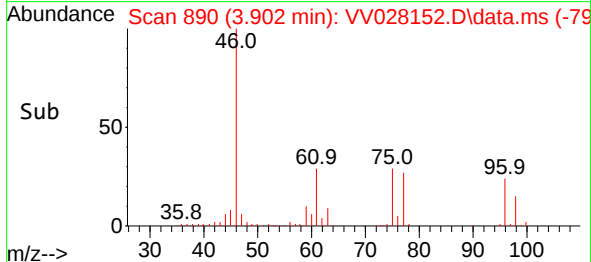
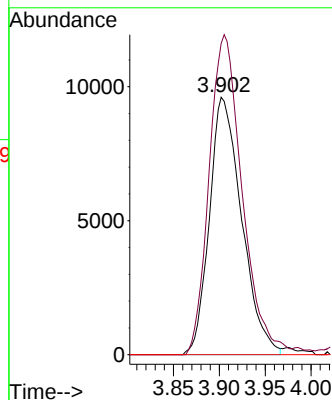
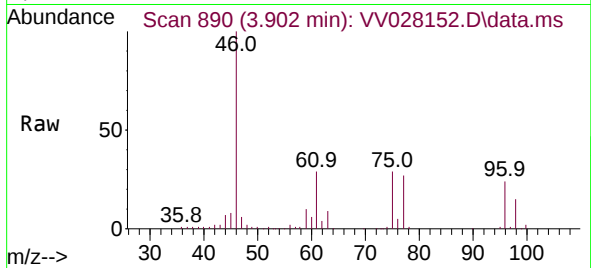




#22
 cis-1,2-Dichloroethene
 Concen: 1.708 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

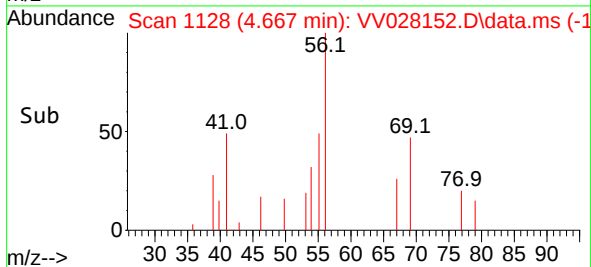
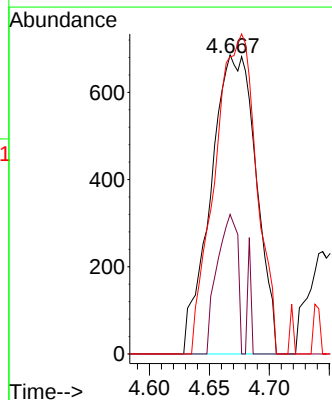
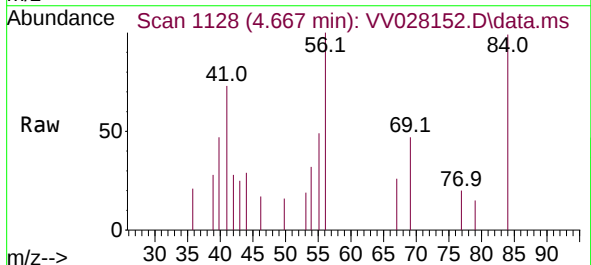
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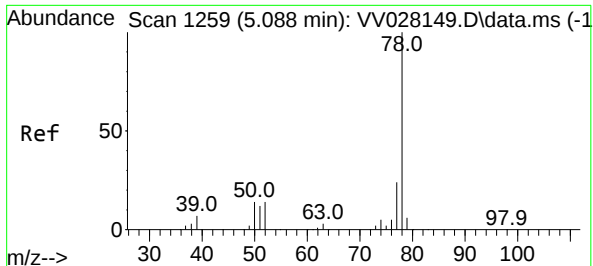
Tgt Ion: 96 Resp: 23468
 Ion Ratio Lower Upper
 96 100
 61 120.9 87.2 161.9
 68 0.0 0.0 0.0



#30
 Cyclohexane
 Concen: 0.116 ug/L
 RT: 4.667 min Scan# 1128
 Delta R.T. 0.003 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

Tgt Ion: 56 Resp: 1805
 Ion Ratio Lower Upper
 56 100
 69 21.1 23.7 35.5#
 84 0.0 67.3 100.9#

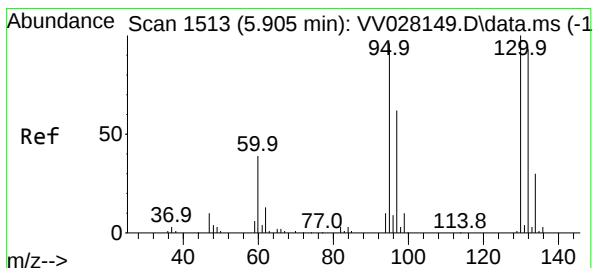
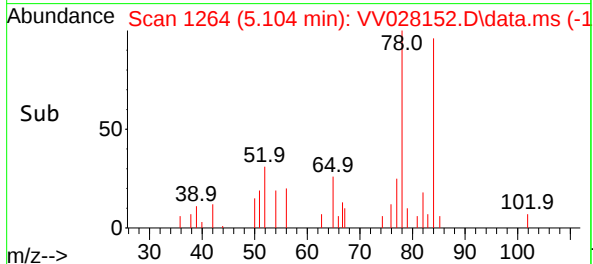
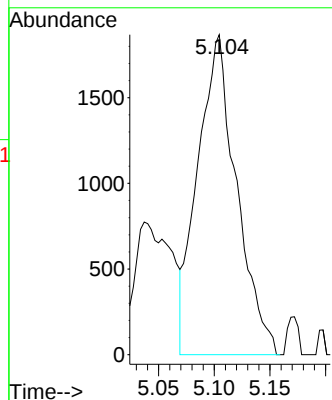
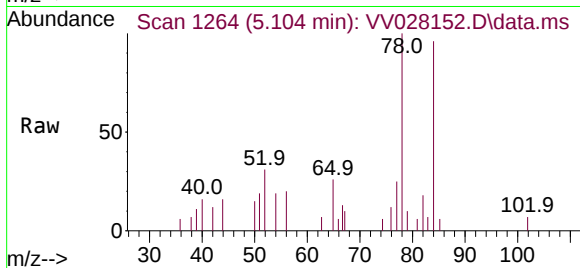




#33
Benzene
Concen: 0.093 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028152.D
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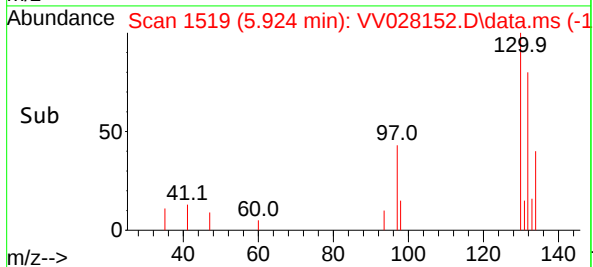
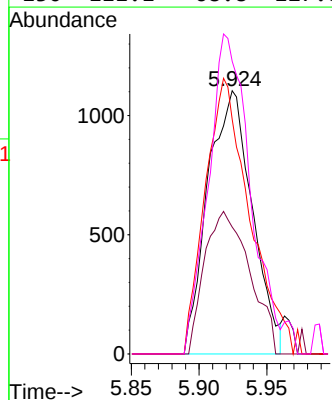
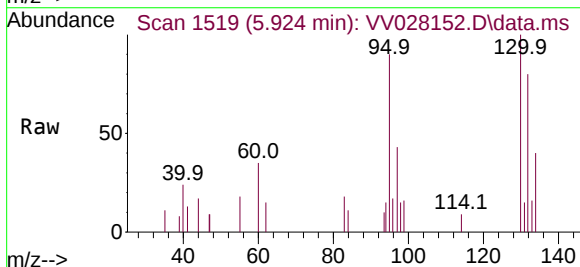
Tgt Ion: 78 Resp: 4527

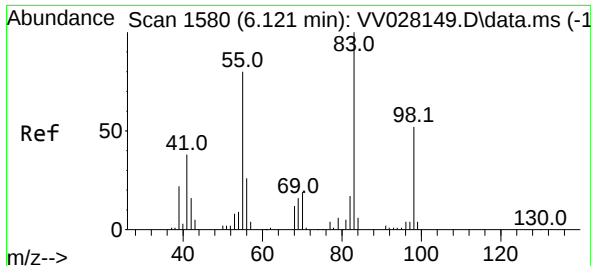


#34
Trichloroethene
Concen: 0.207 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.019 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 95 Resp: 2520

Ion	Ratio	Lower	Upper
95	100		
97	48.2	44.2	82.0
132	89.1	67.8	126.0
130	111.1	68.8	127.8

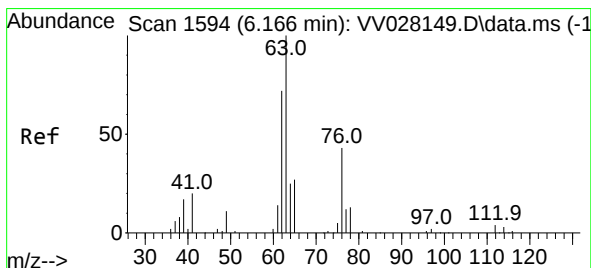
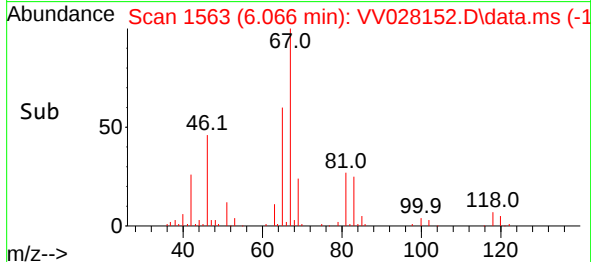
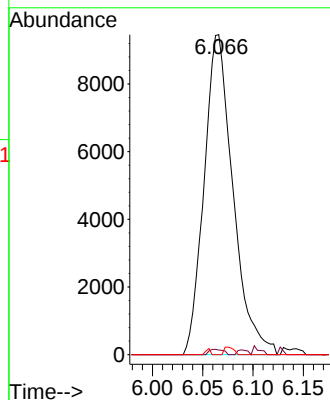
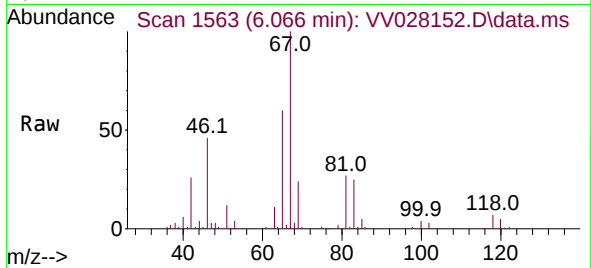




#35
Methylcyclohexane
Concen: 1.134 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

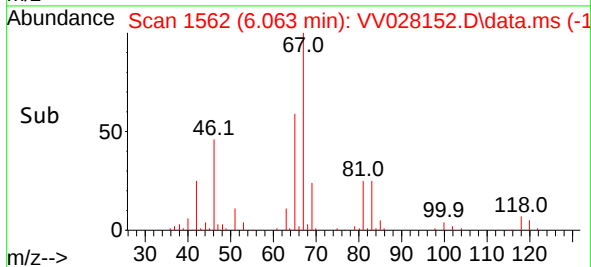
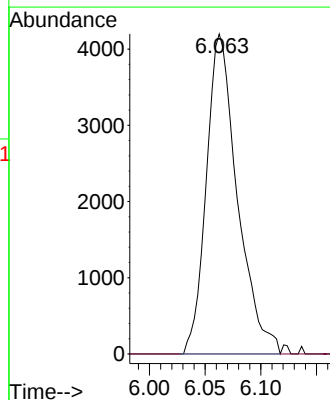
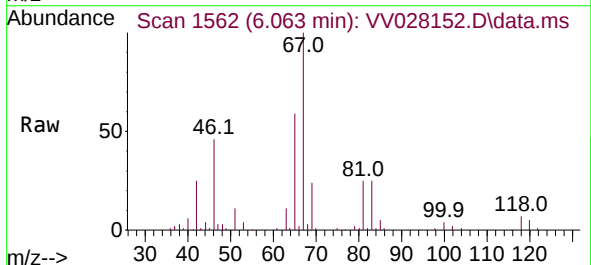
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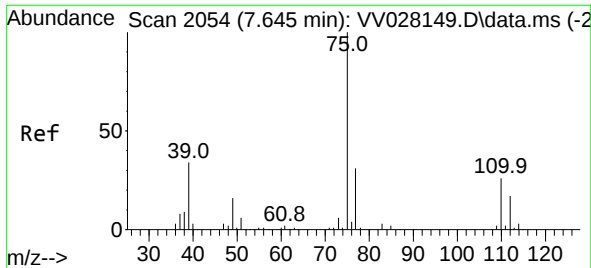
Tgt Ion: 83 Resp: 18892
Ion Ratio Lower Upper
83 100
55 0.8 64.7 97.1#
98 0.3 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

Tgt Ion: 63 Resp: 8151
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#

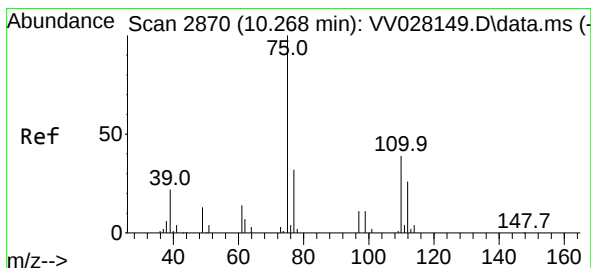
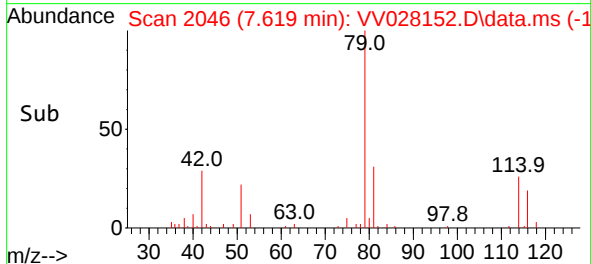
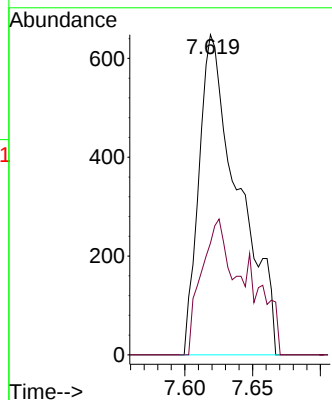
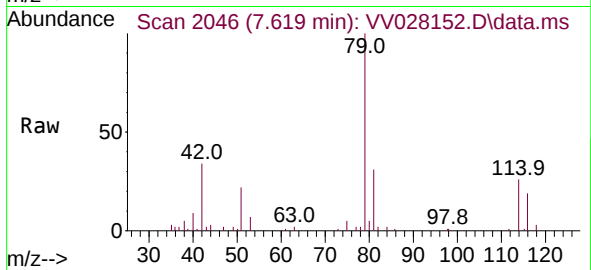




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.619 min Scan# 2054
Delta R.T. -0.026 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

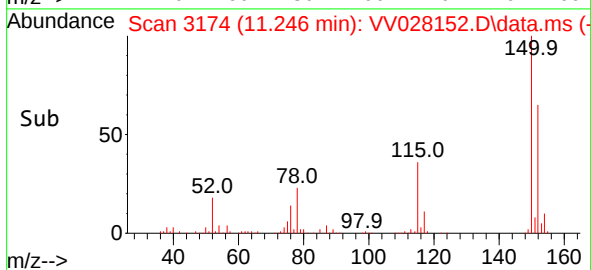
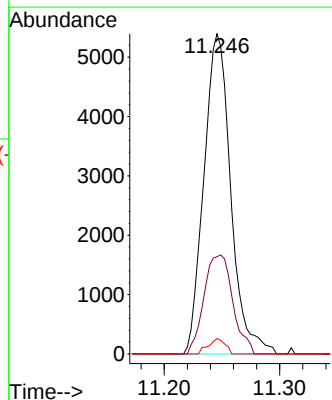
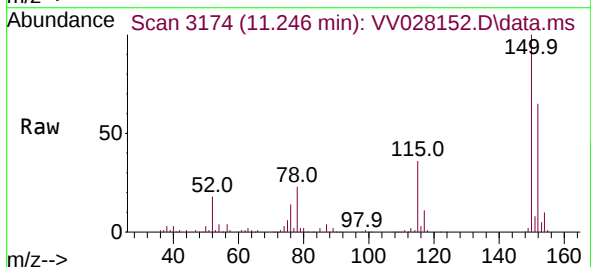
Instrument :
MSVOA_V
ClientSampleId :
F5H33DL

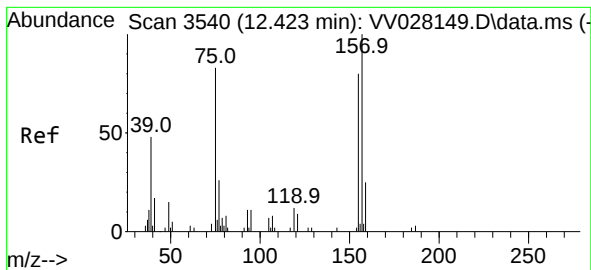
Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 34.9 23.9 44.3



#61
1,2,3-Trichloropropane
Concen: 1.224 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028152.D
Acq: 28 Sep 2022 12:25

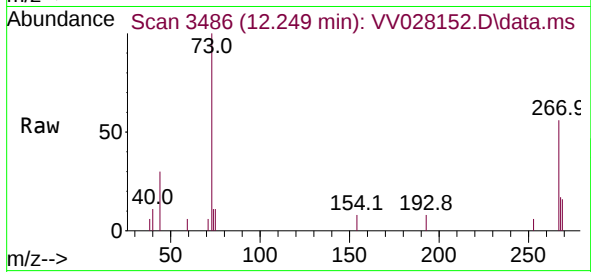
Tgt Ion: 75 Resp: 8719
Ion Ratio Lower Upper
75 100
77 33.0 26.7 40.1
110 3.0 30.1 45.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.129 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV028152.D
 Acq: 28 Sep 2022 12:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33DL



Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 155 0.0 73.6 110.4#
 157 0.0 90.7 136.1#

